

INSTRUCTIONS TO PREPARE AN EXTENDED ABSTRACT FOR THE 27TH NORDIC SEMINAR ON COMPUTATIONAL MECHANICS NSCM-27

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Key words: Marine Engineering, Computational Techniques, Applications, Computational Methods.

Summary. This document provides information and instructions for preparing an Extended Abstract to be included in the Proceedings of *NSCM-27*. It can be written in Word or in L^AT_EX.

1 INTRODUCTION

The Seminar publication will consist of a hard-printed book containing Extended Abstracts of the contributions received. Authors should submit the Extended Abstract electronically via the web page of the Conference, <http://congress.cimne.upc.es/nscm-27/frontal> before September 26th 2014. The Extended Abstract should be written following the format of Word macros for submission that can be found in that address. The file has to be translated into Portable Document Format (PDF) before submission via the Conference site. The organizers do not commit themselves to include in the Proceedings any Extended Abstract received later than the above-mentioned deadline. The speaker and the contact author should match. The speaker must register and pay his registration fee during the advance period (before September 26th 2014) for the Extended Abstract to be included in the final programme of the Seminar.

2 GENERAL SPECIFICATIONS

The Extended Abstract must be written in English within a printing box of 16cm x 21cm, centered in the page. The Extended Abstract including figures, tables and references must have a minimum length of 2 pages and must not exceed 4 pages. Maximum file size is 4 MB.

3 TITLE, AUTHORS, AFFILIATION, KEY WORDS

The first page must contain the Title, Author(s), Affiliation(s), Key words and the Summary. The Introduction must begin immediately below, following the format of this template.

3.1 Title

The title should be written centered, in 14pt, boldface Roman, all capital letters. It should be single spaced if the title is more than one line long.

3.2 Author

The author's name should include first name, middle initial and surname. It should be written centered, in 12pt boldface Roman, 12pt below the title.

3.3 Affiliation

Author's affiliation should be written centered, in 11pt Roman, 12pt below the list of authors. A 12pt space should separate two different affiliations.

3.4 Key words

Please, write no more than six key words. They should be written left aligned, in 12pt Roman, and the line must begin with the words Key words: boldfaced. A 12pt space should separate the key words from the affiliations.

3.5 Summary (optional)

Use 12pt *Italic Roman* for the summary. The word Summary must be set in boldface, not italicized, at the beginning of the first line. The text should be justified and separated 12pt from the key words, as shown in the first page of these instructions.

4 HEADINGS

4.1 Main headings

The main headings should be written left aligned, in 12pt, boldface and all capital Roman letters. There should be a 12pt space before and 6pt after the main headings.

4.2 Secondary headings

Secondary headings should be written left aligned, 12pt, boldface Roman, with an initial capital for first word only. There should be a 12pt space before and 6pt after the secondary headings.

5 EDITORIAL HEADING

The first page has to include the Editorial Heading, as shown in the first page of these instructions. Successive pages will include the name of the authors.

6 TEXT

The normal text should be written single-spaced, justified, using 12pt (Times New) Roman in one column. The first line of each paragraph must be indented 0.5cm. There is not inter-paragraph spacing.

7 PAGE NUMBERS

In order to organize the Extended Abstracts in the proceedings, the pages shall not be numbered.

8 FIGURES

All figures should be numbered consecutively and captioned. The caption title should be written centered, in 10pt Roman, with upper and lower case letters.

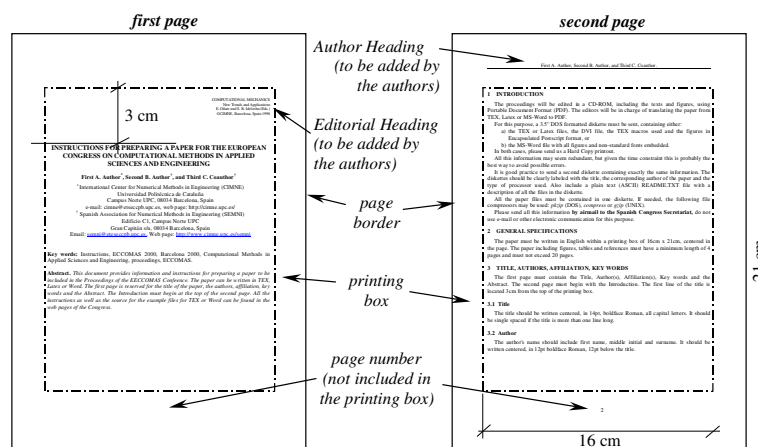


Figure 1: Page layout

A 6pt space should separate the figure from the caption, and a 12pt space should separate the upper part of the figure and the bottom of the caption from the surrounding text.

Figures may be included in the text or added at the bottom of the Extended Abstract.

9 EQUATIONS

A displayed equation is numbered, using Arabic numbers in parentheses. It should be centered, leaving a 6pt space above and below to separate it from the surrounding text.

The following example is a single line equation:

$$Ax = b \quad (1)$$

The next example is a multi-line equation (see the `amsmath` nmanual for more examples):

$$\begin{aligned} Ax &= b \\ Ax &= b \end{aligned} \tag{2}$$

10 TABLES

All tables should be numbered consecutively and captioned, the caption should be 10pt Roman, upper and lower case letters.

C11	C12	C13
C21	C22	C23
C31	C32	C33
C41	C42	C43
C51	C52	C53

Table 1: Example of the construction of one table

A 6pt space should separate the table from the caption, and a 12pt space should separate the table from the surrounding text.

11 FORMAT OF REFERENCES

References should be quoted in the text by superscript numbers^{1,2}, and grouped together at the end of the Extended Abstract in numerical order as shown in these instructions.

12 CONCLUSIONS

1. Extended Abstracts in format for publication should be submitted electronically via the web page of the Conference <http://congress.cimne.upc.es/nscm-27/frontal> , before September 26th 2014. They must be translated into Portable Document Format (PDF) before submission. The maximum size of the file is 4 MB.
2. The speaker (contact author) should register and pay his registration fee during the advance period (before September 26th 2014) for their Extended Abstract to be included in the final programme of the Conference.

REFERENCES

- [1] Zienkiewicz, O. & Taylor, R. *The finite element method*, vol. I–II (McGraw Hill, 1989–1991).
- [2] Idelsohn, S. & Oñate, E. Finite element and finite volumes. Two 'good friends'. *Int. J. Num. Meth. Engng.* **37**, 3323–3341 (1994).